

REMARKS

Applicants have reviewed this Application in light of the Final Office Action. Claims 1-14, 16-22, and 24 are pending and stand rejected. Applicants respectfully request reconsideration and favorable action in this case.

Rejections Under 35 USC § 103

The Final Office Action rejects Claims 1, 7, 8, 10-14, 16, 22, and 24 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,711,583 to Chess et al. (“*Chess*”) in view of U.S. Patent No. 5,881,151 to Yamamoto (“*Yamamoto*”). The Final Office Action rejects Claims 2, 3, 17, and 18 under 35 U.S.C. § 103(a) as being unpatentable over the modified *Chess*, *Yamamoto* and *Van De Vanter* system as applied to Claims 1 and 16 above, and further in view of “Session 19: Intro to Complier Design” (“*Session*”). The Final Office Action rejects Claims 4-6 and 19-21 under 35 U.S.C. § 103(a) as being unpatentable over the modified *Chess*, *Yamamoto* and *Van De Vanter* system as applied to Claims 1 and 16 above, and further in view of U.S. Patent No. 6,418,444 to Raduchel et al. (“*Raduchel*”). The Final Office Action rejects Claim 9 under 35 U.S.C. § 103(a) as being unpatentable over the modified *Chess*, *Yamamoto* and *Van De Vanter* system as applied to Claim 1 above, and further in view of U.S. Patent No. 6,609,205 to Bernhard et al. (“*Bernhard*”). Applicants respectfully traverse these rejections for the reasons stated below.

Claim 1 is directed to a method of detecting script language viruses in data streams. Language description data is prepared corresponding to at least one script language. Detection data is prepared for viral code corresponding to the script language virus. A data stream is lexically analyzed to identify the at least one script language. The data stream is lexically analyzed using the language description data to generate a stream of tokens. The stream of tokens is lexically analyzed using the detection data and the language description data to identify at least one script language virus. The references do not teach or suggest these limitations.

For example, the cited references fail to teach or suggest “lexically analyzing the stream of tokens using the detection data and the language description data to identify the script language virus.” The Final Office Action concedes that *Chess* “fails to explicitly disclose the use of lexical analysis as part of the virus detection.” See Final Office Action,

Page 3. Instead, the Final Office Action contends that *Yamamoto* teaches “analyzing the stream of tokens using the detection data and the language description data to identify the virus.” *See* Final Office Action, Page 3. However, *Yamamoto* discloses **generating tokens** and **merely performing a syntax analysis on the tokens**. *See Yamamoto*, Column 4, lines 64-66. For example, *Yamamoto* discloses performing the syntax analysis “to check whether or not each token is present at a grammatically correct position.” *See Yamamoto*, Column 5, lines 11-13. *Yamamoto* does not teach or suggest **analyzing the stream of tokens using the detection data and the language description data**, and *Yamamoto* certainly fails to teach or suggest “lexically analyzing the stream of tokens using the detection data and the language description data to identify the script language virus.”

Similar to Claim 1, each of Claims 13, 14, 16, and 24 include limitations generally directed to lexically analyzing the stream of tokens using the detection data and the language description data to identify the script language virus. For at least those reasons discussed above with regard to Claim 1, Applicants respectfully contend that the references do not disclose, teach, or suggest the limitations of Claims 13, 14, 16, and 24. For at least these reasons, Applicants respectfully contend that Claims 13, 14, 16, and 24 are patentably distinguishable from the references.

Claims 2-12 and 17-22 each depend, directly or indirectly, from Claims 1 or 16. For at least the reasons above, Applicants respectfully contend that Claims 2-12 and 17-22 are patentably distinguishable from the references.

CONCLUSION

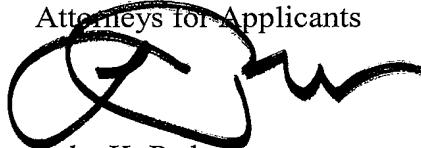
Applicants have made an earnest attempt to place this case in condition for allowance. For at least the foregoing reasons, Applicants respectfully request full allowance of all pending Claims.

If the Examiner feels that a telephone conference or an interview would advance prosecution of this Application in any manner, the undersigned attorney for Applicants stand ready to conduct such a conference at the convenience of the Examiner.

Applicants believe no fees are due. However, should there be a fee discrepancy, the Commissioner is hereby authorized to charge said fees or credit any overpayments to Deposit Account No. 02-0384 of BAKER BOTTS L.L.P.

Respectfully submitted,

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Date: 9-19-08

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